Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 27 Aug 2023 until 23:59 on Monday 28 Aug 2023

Forecast Issued on Saturday 26 Aug 2023 at 16:26

Confidence: High for prevailing unsettled and showery theme, but low for shower detail. Monday probably the best day of the period, with confidence again low regarding the arrival of a weather system on Tuesday.

Headline for Sunday 27 Aug 2023: After a dry start with some mist a few showers might develop may turn more widespread and also heavy and thundery for a time then drier and brighter towards Sunday evening. Chance of rain towards midnight in far west.

Mountain weather hazards on Sunday 27 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Mist	Sunny intervals	Sunny intervals	Light rain showers	Light rain showers	Partly cloudy (night)	Cloudy
Precipitation probability							
20%	10%	10%	20%	40%	40%	20%	20%

Forecast for Sunday 27 Aug 2023

Weather: Some clear spells and a decreasing chance of showers in the early hours of Sunday morning. Some mist may form for a time. A few showers will probably develop for the early afternoon, especially across southern and eastern areas towards Penhill and Bolton Abbey. Some brightness to end the day. Chance of thickening and lowering cloud arriving from the west after dusk possibly bringing rain and drizzle towards midnight.

Chance of cloud-free hill tops above 600m: 30% in the early hours becoming 80% for a time during Sunday afternoon and evening then 50% after dusk and perhaps higher probabilities towards midnight.

Low Cloud and visibility: Scattered, possibly broken bases 500 metres, mainly around dawn. Cloud should lift and overturn after dawn, probably reaching 900 metres, and then scattered to broken bases lowering in evening to 700 metres after dusk. Moderate or poor at first becoming generally good in morning and during much of the afternoon, then perhaps moderate in the evening. Visibility very poor in cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 27 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/9 NW	5/10 NW	4/7 NW	6/9 W	8/13 W	9/15 W	8/13 W	7/11 W	6/11 W
300	4/10 NW	3/9 NW	2/6 NW	5/9 NW	6/12 W	7/14 NW	7/13 W	4/10 W	3/8 W
Valley	2/6 N	1/4 NE	1/3 N	2/6 W	6/11 W	8/16 W	5/12 NW	3/7 W	3/5 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/7	8/7	8/8	11/9	12/11	12/10	11/10	10/8	9/8
300	9/8	8/8	9/9	14/13	15/15	15/14	14/13	11/10	10/9
Valley	10/10	10/10	10/10	14/14	16/16	16/15	15/14	12/12	12/11
Freezing Level*	2000m	2000m	2100m	2100m	2200m	2300m	2300m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun protection advisable in sunshine during Sunday.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 26 Aug 2023	8.4mm	14mm	18.4mm

Forecast for Monday 28 Aug 2023

Weather: Some rain and drizzle for a time on Monday morning as fronts move erratically eastwards during the morning, with some afternoon and evening brightness perhaps developing in its wake. Chance of a few light showers into the evening period.

Maximum wind: West or Northwest with gusts reaching 20-25mph in afternoon.

Chance of cloud-free hill tops above 600m: 20% or less in morning, becoming 70% or more in afternoon, and for a time during the evening.

Low Cloud and visibility: Broken to overcast bases lowering to around 400 metres and covering some peaks. This probably lifting and breaking to scattered bases 700 metres and perhaps clearing summits during the afternoon.

Temperature: **Valleys:** Plus 7 degrees Celsius becoming plus 19 degrees Celsius.
At 600m: Plus 8 degrees Celsius becoming plus 13 degrees Celsius.
Freezing level: Well above summits.

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